

PATENT COOPERATION TREATY

From the:
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:

GRIFFITH HACK
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| GRIFFITH HACK | |
| 12 MAY 2000 | |
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PCT
NOTIFICATION OF TRANSMITTAL OF
INTERNATIONAL PRELIMINARY EXAMINATION
REPORT

(PCT Rule 71.1)

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|-----------------------------------|-----------------------|
| Date of mailing day/month/year | <i>11 74 MAY 2000</i> |
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Applicant's or agent's file reference
FP11520

IMPORTANT NOTIFICATION

International application No.
PCT/AU99/00813

International filing date
24 September 1999

Priority date
25 September 1998

Applicant
THE UNIVERSITY OF QUEENSLAND et al

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translations to those Offices.

4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices)(Article 39(1))(see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide

Name and mailing address of the IPEA/AU.

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PATENT COOPERATION TREATY
PCT
INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

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| Applicant's or agent's file reference FP11520 | FOR FURTHER ACTION | See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416). | |
| International application No. PCT/AU99/00813 | International filing date (<i>day/month/year</i>) 24 September 1999 | Priority Date (<i>day/month/year</i>) 25 September 1998 | |
| International Patent Classification (IPC) or national classification and IPC Int. Cl. 7 C07K 1/02, 1/04, 1/107, 5/12, 7/64 | | | |
| Applicant THE UNIVERSITY OF QUEENSLAND et al | | | |

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| <p>1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of 3 sheets, including this cover sheet.</p> <p><input type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of sheet(s).</p> | | | | | | | | | | | | | | | | | |
| <p>3. This report contains indications relating to the following items:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%; text-align: right; padding-right: 10px;">I</td> <td style="width: 95%;"><input checked="" type="checkbox"/> Basis of the report</td> </tr> <tr> <td style="text-align: right; padding-right: 10px;">II</td> <td><input type="checkbox"/> Priority</td> </tr> <tr> <td style="text-align: right; padding-right: 10px;">III</td> <td><input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</td> </tr> <tr> <td style="text-align: right; padding-right: 10px;">IV</td> <td><input type="checkbox"/> Lack of unity of invention</td> </tr> <tr> <td style="text-align: right; padding-right: 10px;">V</td> <td><input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</td> </tr> <tr> <td style="text-align: right; padding-right: 10px;">VI</td> <td><input type="checkbox"/> Certain documents cited</td> </tr> <tr> <td style="text-align: right; padding-right: 10px;">VII</td> <td><input type="checkbox"/> Certain defects in the international application</td> </tr> <tr> <td style="text-align: right; padding-right: 10px;">VIII</td> <td><input type="checkbox"/> Certain observations on the international application</td> </tr> </table> | | I | <input checked="" type="checkbox"/> Basis of the report | II | <input type="checkbox"/> Priority | III | <input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability | IV | <input type="checkbox"/> Lack of unity of invention | V | <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement | VI | <input type="checkbox"/> Certain documents cited | VII | <input type="checkbox"/> Certain defects in the international application | VIII | <input type="checkbox"/> Certain observations on the international application |
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| II | <input type="checkbox"/> Priority | | | | | | | | | | | | | | | | |
| III | <input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability | | | | | | | | | | | | | | | | |
| IV | <input type="checkbox"/> Lack of unity of invention | | | | | | | | | | | | | | | | |
| V | <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement | | | | | | | | | | | | | | | | |
| VI | <input type="checkbox"/> Certain documents cited | | | | | | | | | | | | | | | | |
| VII | <input type="checkbox"/> Certain defects in the international application | | | | | | | | | | | | | | | | |
| VIII | <input type="checkbox"/> Certain observations on the international application | | | | | | | | | | | | | | | | |

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| <p>Date of submission of the demand 29 March 2000</p> <p>Name and mailing address of the IPEA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929</p> | <p>Date of completion of the report 20 April 2000</p> <p>Authorized Officer  S.R. IDRUS</p> <p>Telephone No. (02) 6283 2536</p> |
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I. Basis of the report

1. With regard to the elements of the international application:*

the international application as originally filed.

the description, pages , as originally filed,
 pages , filed with the demand,
 pages , received on with the letter of

the claims, pages , as originally filed,
 pages , as amended (together with any statement) under Article 19,
 pages , filed with the demand,
 pages , received on with the letter of

the drawings, pages , as originally filed,
 pages , filed with the demand,
 pages , received on with the letter of

the sequence listing part of the description:
 pages , as originally filed
 pages , filed with the demand
 pages , received on with the letter of

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language which is:

the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
 the language of publication of the international application (under Rule 48.3(b)).
 the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, was on the basis of the sequence listing:

contained in the international application in written form.
 filed together with the international application in computer readable form.
 furnished subsequently to this Authority in written form.
 furnished subsequently to this Authority in computer readable form.
 The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
 The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

4. The amendments have resulted in the cancellation of:

the description, pages
 the claims, Nos.
 the drawings, sheets/fig.

5. This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**1. Statement**

| | | |
|-------------------------------|-------------|-----|
| Novelty (N) | Claims 1-36 | YES |
| | Claims | NO |
| Inventive step (IS) | Claims 1-36 | YES |
| | Claims | NO |
| Industrial applicability (IA) | Claims 1-36 | YES |
| | Claims | NO |

2. Citations and explanations (Rule 70.7)

None of the cited prior-art documents teaches or fairly suggests inducing flexibility in the peptide or peptidomimetic compound by reversible N-substitution or by forcing a cis amide bond conformation using a cis-amide bond surrogate to facilitate cyclisation or the presence of a covalently-bonded group of atoms comprising a reactive functionality.

Accordingly, the claimed subject matter is novel and involves an inventive step.

The claimed subject matter has industrial applicability because of the purported uses thereof.